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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Complete if Known		
			Application Number	10/782,526-Conf. #3269	
			Filing Date	February 19, 2004	
			First Named Inventor	Bradford E. Gliner	
			Art Unit	3762	
			Examiner Name	S. M. Getzow	
Sheet	1	of	14	Attorney Docket Number	337348048US1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
S6		10/583,630 Filed 6/20/2006		Lozano	
		11/254,060 Filed 10/19/2005		Wyler	
		11/254,240 Filed 10/19/2005		Wyler	
		11/255,187 Filed 10/19/2005		Firlik	
		11/344,453 Filed 1/30/2006		Gliner	
		11/518,139 Filed 9/7/2006		Weinand	
		11/583,349 Filed 10/18/2006		Sloan	
		11/638,326 Filed 12/12/2006		Gliner et al.	
		US-2002-0099412	7/25/2002	Fischell et al.	
		US-2002-0169485	11/14/2002	Pless et al.	
		US-2003-0074032	4/17/2003	Gliner	
		US-2003-0078633	4/24/2003	Firlik et al.	
		US-2003-0088274	5/8/2003	Gliner et al.	
		US-2003-0097161	5/22/2003	Firlik et al.	
		US-2003-0114886	6/19/2003	Gluckman et al.	
		US-2003-0125786	7/3/2003	Gliner et al.	
		US-2003-0130706	7/10/2003	Sheffield et al.	
		US-2003-0176901	9/18/2003	May	
		US-2003-0187490	10/2/2003	Gliner	
		US-2004-0073270	4/15/2004	Firlik et al.	
		US-2004-0082847	4/29/2004	McDermott	
		US-2004-0088024	5/6/2004	Firlik et al.	
		US-2004-0092809	5/13/2004	DeCharms	
		US-2004-0102828	5/27/2004	Lowry et al.	
		US-2004-0111127	6/10/2004	Gliner et al.	
		US-2004-0131998	7/8/2004	Marom et al.	
		US-2004-0138550	7/15/2004	Hartlep et al.	
		US-2004-0158298	8/12/2004	Gliner et al.	
		US-2004-0176831	9/9/2004	Gliner et al.	
		US-2004-0181263	9/16/2004	Balzer et al.	
		US-2004-0236388	11/25/2004	Gielen et al.	
		US-2005-0004620	1/6/2005	Singhal et al.	
		US-2005-0015129	1/20/2005	Mische	
		US-2005-0021104	1/27/2005	DiLorenzo	
		US-2005-0021105	1/27/2005	Firlik et al.	
		US-2005-0021106	1/27/2005	Firlik et al.	
		US-2005-0021107	1/27/2005	Firlik et al.	
		US-2005-0021118	1/27/2005	Genau et al.	

Examiner Signature	S. G.	Date Considered	5/7/07
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56	US-2005-0033378	2/10/2005	Sheffield et al.	
	US-2005-0070971	3/31/2005	Fowler et al.	
	US-2005-0075679	4/7/2005	Gliner et al.	
	US-2005-0075680	4/7/2005	Lowry et al.	
	US-2005-0096701	5/5/2005	Donovan et al.	
	US-2005-0113882	5/26/2005	Cameron et al.	
	US-2005-0119712	6/2/2005	Shafer	
	US-2005-0154425	7/14/2005	Boveja et al.	
	US-2005-0154426	7/14/2005	Boveja et al.	
	US-2005-0182453	8/18/2005	Whitehurst	
	US-2006-0015153	1/19/2006	Gliner et al.	
	US-2006-0106430	5/18/2006	Fowler et al.	
	US-2006-0106431	5/18/2006	Wyler et al.	
	US-2006-0129205	6/15/2006	Boveja et al.	
	US-2006-0173522	8/3/2006	Osorio	
	US-2006-0217782	9/28/2006	Boveja et al.	
	US-2716226	8/23/1955	Jonas	
	US-2721316	10/18/1955	Shaw	
	US-3628193	12/21/1971	Collins	
	US-3650276	3/21/1972	Burghelle et al.	
	US-3918461	11/11/1975	Cooper	
	US-4030509	6/21/1977	Heilman et al.	
	US-4125116	11/14/1978	Fischell	
	US-4140133	2/20/1979	Kastrubin et al.	
	US-4214804	7/29/1980	Little	
	US-4245645	1/20/1981	Picard et al.	
	US-4308868	1/5/1982	Jhabvala	
	US-4328813	5/11/1982	Ray	
	US-4340038	7/20/1982	McKean	
	US-4431000	12/14/1984	Butler et al.	
	US-4474186	10/2/1984	Ledley et al.	
	US-4542752	9/24/1985	Dehaan et al.	
	US-4590946	5/27/1986	Loeb	
	US-4607639	8/26/1986	Tanagho et al.	
	US-4646744	3/3/1987	Capel	
	US-4702254	10/27/1987	Zabara	
	US-4844075	7/4/1989	Liss et al.	
	US-4865048	9/12/1989	Eckerson	
	US-4969468	11/13/1990	Byers et al.	
	US-5002053	3/26/1991	Garcia-Rill et al.	
	US-5024226	6/18/1991	Tan	
	US-5031618	7/16/1991	Mullett	
	US-5054906	10/8/1991	Lyons	
	US-5063932	11/12/1991	Dahl et al.	
	US-5092835	3/3/1992	Schurig et al.	
	US-5121754	6/16/1992	Mullett	
	US-5143089	9/1/1992	Alt	
	US-5169384	12/8/1992	Bosniak et al.	
V	US-5184620	2/9/1993	Cudahy et al.	

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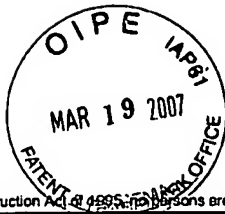


PTO/SB/08a/b (07-06)
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			Art Unit	3762	
			Examiner Name	S. M. Getzow	
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56	US-5193540	3/16/1993	Schulman et al.	
	US-5215086	6/1/1993	Terry Jr. et al.	
	US-5224491	7/6/1993	Mehra	
	US-5255678	10/26/1993	Deslauriers et al.	
	US-5263967	11/23/1993	Lyons, III et al.	
	US-5271417	12/21/1993	Swanson et al.	
	US-5282468	2/1/1994	Klepinski	
	US-5299569	4/5/1994	Wernicke et al.	
	US-5303705	4/19/1994	Nenov	
	US-5304206	4/19/1994	Baker Jr. et al.	
	US-5314458	5/24/1994	Najafi et al.	
	US-5358513	10/25/1994	Powell, III et al.	
	US-5370672	12/6/1994	Fowler et al.	
	US-5405375	4/11/1995	Ayers et al.	
	US-5406957	4/18/1995	Tansey	
	US-5411540	5/2/1995	Edell et al.	
	US-5417719	5/23/1995	Hull et al.	
	US-5423864	6/13/1995	Ljungstroem	
	US-5464446	11/7/1995	Dreessen et al.	
	US-5520190	5/28/1996	Benedict et al.	
	US-5522864	6/4/1996	Wallace et al.	
	US-5537512	7/16/1996	Hsia et al.	
	US-5540734	7/30/1996	Zabara	
	US-5540736	7/30/1996	Haimovish et al.	
	US-5549655	8/27/1996	Erickson	
	US-5562708	10/8/1996	Combs et al.	
	US-5575813	11/19/1996	Edell et al.	
	US-5591216	1/7/1997	Testerman et al.	
	US-5593432	1/14/1997	Crowther et al.	
	US-5601611	2/11/1997	Fayram et al.	
	US-5611350	3/18/1997	John	
	US-5618531	4/8/1997	Cherksey	
	US-5628317	5/13/1997	Starkebaum et al.	
	US-5674251	10/7/1997	Combs et al.	
	US-5676655	10/14/1997	Howard, III et al.	
	US-5683422	11/4/1997	Rise	
	US-5702429	12/30/1997	King	
	US-5707334	1/13/1998	Young	
	US-5711316	1/27/1998	Elsberry et al.	
	US-5713922	2/3/1998	King	
	US-5713923	2/3/1998	Ward et al.	
	US-5716377	2/10/1998	Rise et al.	
	US-5722401	3/3/1998	Pietroski	
	US-5735814	4/7/1998	Elsberry et al.	
	US-5750376	5/12/1998	Weiss et al.	
	US-5752979	5/19/1998	Benabid	
	US-5769778	6/23/1998	Abrams et al.	
	US-5772591	6/30/1998	Cram	
	US-5782798	7/21/1998	Rise	

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56	US-5782873	7/21/1998	Collins	
	US-5792186	8/11/1998	Rise	
	US-5797970	8/25/1998	Pouvreau	
	US-5814014	9/29/1998	Elsberry et al.	
	US-5814092	9/29/1998	King	
	US-5824021	10/20/1998	Rise	
	US-5824030	10/20/1998	Yang et al.	
	US-5832932	11/10/1998	Elsberry et al.	
	US-5833709	11/10/1998	Rise et al.	
	US-5843148	12/1/1998	Gijsbers et al.	
	US-5843150	12/1/1998	Dreessen et al.	
	US-5865842	2/2/1999	Knuth et al.	
	US-5885976	3/23/1999	Sandyk	
	US-5886769	3/23/1999	Zolten	
	US-5893883	4/13/1999	Torgerson et al.	
	US-5904916	5/18/1999	Hirsh	
	US-5913882	6/22/1999	King	
	US-5916171	6/29/1999	Mayevsky	
	US-5925070	7/20/1999	King et al.	
	US-5938688	8/17/1999	Schiff	
	US-5938689	8/17/1999	Fischell et al.	
	US-5941906	8/24/1999	Barreras, Sr. et al.	
	US-5964794	10/12/1999	Bolz et al.	
	US-5975085	11/2/1999	Rise	
	US-5978702	11/2/1999	Ward et al.	
	US-5983140	11/9/1999	Smith et al.	
	US-6006124	12/21/1999	Fischell et al.	
	US-6011996	1/4/2000	Gielen et al.	
	US-6016449	1/18/2000	Fischell et al.	
	US-6018682	1/25/2000	Rise	
	US-6021352	2/1/2000	Christopherson et al.	
	US-6026326	2/15/2000	Bardy	
	US-6035236	3/7/2000	Jarding et al.	
	US-6040180	3/21/2000	Johe	
	US-6042579	3/28/2000	Elsberry et al.	
	US-6052624	4/18/2000	Mann	
	US-6055456	4/25/2000	Gerber	
	US-6057846	5/2/2000	Sever, Jr.	
	US-6057847	5/2/2000	Jenkins	
	US-6058331	5/2/2000	King	
	US-6060048	5/9/2000	Cherksey	
	US-6061593	5/9/2000	Fischell et al.	
	US-6066163	5/23/2000	John	
	US-6095148	08/01/2000	Shastri et al.	
	US-6104956	8/15/2000	Naritoku et al.	
	US-6104960	8/15/2000	Duysens et al.	
	US-6122548	9/19/2000	Starkebaum et al.	
V	US-6126657	10/3/2000	Edwards et al.	
	US-6128537	10/3/2000	Rise	

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56	US-6128538	10/3/2000	Fischell et al.	
	US-6134474	10/17/2000	Fischell et al.	
	US-6152143	11/28/2000	Edwards	
	US-6161044	12/12/2000	Silverstone	
	US-6161045	12/12/2000	Fischell et al.	
	US-6176242	1/23/2001	Rise	
	US-6190893	2/20/2001	Shastri et al.	
	US-6198958	3/6/2001	Ives et al.	
	US-6205360	3/20/2001	Carter et al.	
	US-6210417	4/3/2001	Baudino et al.	
	US-6221908	4/24/2001	Kilgard et al.	
	US-6230049	5/8/2001	Fischell et al.	
	US-6236892	5/22/2001	Feler	
	US-6246912	6/12/2001	Sluiter et al.	
	US-6280462	8/28/2001	Hauser et al.	
	US-6301493	10/9/2001	Marro et al.	
	US-6319241	11/20/2001	King et al.	
	US-6339725	1/15/2002	Naritoku et al.	
	US-6353754	3/5/2002	Fischell et al.	
	US-6354299	3/12/2002	Fischell et al.	
	US-6356792	3/12/1992	Errico et al.	
	US-6360122	3/19/2002	Fischell et al.	
	US-6366813	4/2/2002	DiLorenzo	
	US-6375666	4/23/2002	Mische	
	US-6405079	6/11/2002	Ansarinia	
	US-6418344	7/9/2002	Rezai	
	US-6427086	7/30/2002	Fischell et al.	
	US-6456886	9/24/2002	Howard, III et al.	
	US-6459936	10/1/2002	Fischell et al.	
	US-6463328	10/8/2002	John	
	US-6464356	10/15/2002	Sabel et al.	
	US-6466822	10/15/2002	Pless	
	US-6473639	10/29/2002	Fischell et al.	
	US-6480743	11/12/2002	Kirkpatrick et al.	
	US-6484059	11/19/2002	Gielen	
	US-6487450	11/26/2002	Chen	
	US-6499488	12/31/2002	Hunter et al.	
	US-6505075	1/7/2003	Weiner	
	US-6507755	1/14/2003	Gozani et al.	
	US-6529774	3/4/2003	Greene	
	US-6539263	3/25/2003	Schiff et al.	
	US-6556868	4/29/2003	Naritoku et al.	
	US-6569654	5/27/2003	Shastri et al.	
	US-6591138	7/08/2003	Fischell et al.	
	US-6597954	7/22/2003	Pless et al.	
	US-6615065	9/2/2003	Barrett et al.	
	US-6622048	9/16/2003	Mann et al.	
	US-6633780	10/14/2003	Berger	
	US-6665562	12/16/2003	Gluckman et al.	

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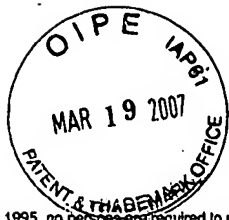
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SG	US-6684105	1/27/2004	Cohen et al.	
	US-6687525	2/3/2004	Llinas et al.	
	US-6690974	2/10/2004	Archer et al.	
	US-6708064	3/16/2004	Rezai	
	US-6725094	4/20/2004	Saberski	
	US-6731978	5/4/2004	Olsen et al.	
	US-6764498	7/20/2004	Mische	
	US-6782292	8/24/2004	Whitehurst	
	US-6788975	9/7/2004	Whitehurst et al.	
	US-6795737	9/21/2004	Gielen et al.	
	US-6810286	10/26/2004	Donovan et al.	
	US-6839594	1/4/2005	Cohen et al.	
	US-6873872	3/29/2005	Gluckman et al.	
	US-6892097	5/10/2005	Holsheimer	
	US-6895280	5/17/2005	Meadows et al.	
	US-6907296	6/14/2005	Doan et al.	
	US-6934580	8/23/2005	Osorio et al.	
	US-6944497	9/13/2005	Stypulkowski	
	US-6944501	9/13/2005	Pless	
	US-6959215	10/25/2005	Gliner et al.	
	US-6990377	1/24/2006	Gliner et al.	
	US-7006859	2/28/2006	Osorio et al.	
	US-7010351	3/7/2006	Firlik et al.	
	US-7024247	4/4/2006	Gliner et al.	
	US-7065412	10/28/2004	Swoyer	
	US-7107104	9/12/2006	Keravel et al.	
	US-7107097	9/12/2006	Stern et al.	
	US-7110820	9/19/2006	Tcheng et al.	
	US-7146217	12/5/2006	Firlik	
	US-7149586	12/12/2006	Greenberg et al.	

FOREIGN PATENT DOCUMENTS							
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
SG	**	DE	19750043	05-20-1999	Bartha et al.		
		EP	0214527	03-18-1987	Minnesota Mining and Manufacturing Company		
	**	EP	0319844	06-14-1989	Ad-Tech Medical Instrument Corp.		
	**	EP	0998958	05-10-2000	Medtronic Inc.		
	**	EP	1145736	10-17-2001	Neuropace		
	**	EP	1180056	11-12-2003	Exogen, Inc.		
	**	WO	87-07511	12-17-1987	Zion Educational Foundation		
	**	WO	94-07564	04-14-1994	Cardiac Pacemakers, Inc.		
	**	WO	95-21591	08-17-1995	University of Iowa Research Foundation		
	**	WO	98-06342	02-19-1998	Neotonus, Inc.		
	**	WO	01-97906	12-27-2001	Advanced Bionics Corp		
	**	WO	02-09811	02-07-2002	Neuropace, Inc.		
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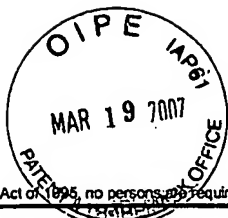
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SG	**	WO 02-36003	05-10-2002	Neuropace, Inc.		
	**	WO 02-38031	05-16-2002	Neuropace, Inc.		
	**	WO 02-38217	05-16-2002	Neuropace, Inc.		
	**	WO 03-043690	05-30-2003	Vertis Neuroscience, Inc.		
	**	WO 03-082402	10-19-2003	Northstar Neuroscience, Inc.		

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SG	**	BARR, Deborah et al., "Induction and Reversal of Long-Term Potentiation by Low-and High-Intensity Theta Pattern Stimulation," The Journal of Neuroscience, 15(7): pages 5402-5410 (July 1995).	
	**	BARRES et al., "Proliferation of oligodendrocyte precursor cells depends on electrical activity in axons," Nature; Medical Research Council Developmental Neurobiology Programme, Department of Biology, University College, London, p. 258-260, (January 21, 1993).	
	**	BEHRENS, T. et al., "Non-invasive mapping of connections between human thalamus and cortex using diffusion Imaging," Nature neuroscience, Vol. 6 No. 7, pp. 750-757 (July 2003).	
	**	BEL, S. and BAUER, B.L., "Dorsal Column Stimulation (DCS): Cost to Benefit Analysis," Acta Neurochirurgica, Suppl. 52, pp. 121-123 (1991).	
	**	BENABID, A.L. et al., "Chronic electrical stimulation of the ventralis intermedius nucleus of the thalamus as a treatment of movement disorders," J. Neurosurg., April 1997, 86(4): 737; http://www.ncbi.nlm.nih.gov ; [accessed 11-18-2003].	
		BEVERIDGE, J. A., "Use of Exogenous Electric Current in the Treatment of Delayed Lesions in Peripheral Nerves," Plastic and Reconstructive Surgery, October 1988, Vol. 82, No. 4, pages 573-579.	
		BEZARD et al., "Cortical Stimulation and Epileptic Seizure: A Study of the Potential Risk in Primates," Neurosurgery, Vol. 45, No. 2, August 1999, 346-350.	
		BINDER, J. M.D., "Functional Magnetic Resonance Imaging: Language Mapping," Neurosurgery Clinics of North America, Volume 8, Number 3, July 1997, pages 383-392.	
	**	BLUESTONE, Avraham Y. et al., "Three-dimensional optical tomography of hemodynamics in the human head," Optics Express, Vol. 9, No. 6, pp: 272-286 (September 10, 2001).	
	**	Brain Electrical Stimulation to Enhance Recovery After Stroke, ClinicalTrials.gov, URL: http://www.clinicaltrials.gov/ct/show/NCT00085657?order=2 [Retrieved on 12-22-2005].	
	**	BURNETT, Mark G. et al., "Diffuse optical measurement of blood flow, blood oxygenation, and metabolism in a human brain during sensorimotor cortex activation," Optics Letters, Vol. 29, No. 15, pp: 1766-1768 (August 1, 2004).	
	**	BURY, Scott et al., "The Effects of Behavioral Demand on Motor Cortical and Cerebellar Structural Plasticity After Brain Injury in Adult Rats," http://www.mcmaster.ca/inabis98-schallert-bury0827-two.html#introduction , 2 pages [Retrieved on March 1, 2003].	
	**	BUTEFISCH et al., "Mechanisms of use-dependent plasticity in the human motor cortex," Proc. Natl. Acad. Sci. USA, Vol. 97, No. 7, pp. 3661-3665 (March 2000).	
	**	CANAVERO, S. and PAOLOTTI, R., "Extradural Motor Cortex Stimulation for Advanced Parkinson's Disease: Case Report," Movement Disorders, 15(1):169-171, 2000.	

Examiner Signature	S. G.	Date Considered	5/9/07
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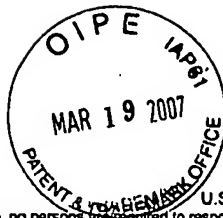
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Sheet	8	of	14	Attorney Docket Number	337348048US1

SC	**	CAO, Yue et al., "Cortical Language Activation in Stroke Patients Recovering From Aphasia With Functional MRI," Stroke, Vol. 30, pp: 2331-2340, November 1999.
	**	CHEUN et al., "Differentiation of a Stem Cell Line Toward a Neuronal Phenotype," Int. J. Devl. Neuroscience, Vol. 9, No. 4, pp. 391-404 (1991).
		CICINELLI et al., "Transcranial magnetic stimulation reveals an interhemispheric asymmetry of cortical inhibition in focal epilepsy," Neurophysiology, Vol. 11, No. 4 March 20, 2000, pages 701-707.
	**	CINCOTTA et al., "Reorganization of the motor cortex in a patient with congenital hemiparesis and mirror movements," Neurology, Vol. 55, pp. 129-131 (2000).
		CINCOTTA et al., "Suprathreshold 0.3 Hz repetitive TMS prolongs the cortical silent period: potential implications for therapeutic trials in epilepsy," Clinical Neurophysiology, Volume 114, 2003, Pages 1827-1833, Elsevier Ireland Ltd.
	**	CLASSEN et al., "Rapid Plasticity of Human Cortical Movement Representation Induced by Practice," The Journal of Neurophysiology, Vol. 79, No. 2, pp. 1117-1123 (February 1998).
		CNN.com, Health, "Lab Zaps Strokes with Magnetic Pulses," http://www.cnn.com/2004/HEALTH/conditions/11/29/zapping.strokes.ap/ , Nov. 29, 2004, 4 pages [Retrieved on 12-02-2004].
	**	COHEN et al., "Studies of Neuroplasticity With Transcranial Magnetic Stimulation," The Journal of Clinical Neurophysiology, Vol. 15, No. 4 (1998).
		CRAMER et al., "Use of Functional MRI to Guide Decisions in a clinical Stroke Trial," Stroke, Journal of the American Heart Association, May 2005, pages e50-e52, American Heart Association, Dallas TX.
	**	CRAMER, S.C. and BASTINGS, E.P., "Mapping clinically relevant plasticity after stroke," Neuropharmacology Vol. 19, No. 5, pp. 842-851 (April 2000).
	**	Cytokines Web Clinical Significance, Cytokines Web, 2 pages, URL: http://cmbi.bjmu.edu.cn/cmbidata-cgf-CGF_Database-cytweb-roles-Index.html [Retrieved on 9-2-2005].
	**	DAM et al., "Effects of Fluoxetine and Maprotiline on Functional Recovery in Poststroke Hemiplegic Patients Undergoing Rehabilitation Therapy," Stroke, Vol. 27, No. 7, pp. 1211-1214 (July 1996).
	**	DE RIDDER, Dirk et al., "Magnetic and electrical stimulation of the auditory cortex for intractable tinnitus," Journal Neurosurg., Vol. 100, pp: 560-564, (March 2004).
	**	DI LAZZARO, V. et al., "Theta-burst repetitive transcranial magnetic stimulation suppresses specific excitatory circuits in the human motor cortex," Physiology in Press; published online on April 21, 2005 as 10.1113-jphysiol.2005.087288.
	**	DING, Yumin et al., "Neural Plasticity After Spinal Cord Injury," Current Pharmaceutical Design Vol. 11, No. 11, pp: 1441-1450, Abstract Only, 1 page (April 2005).
	**	DUNCAN, Pamela W. et al., "Defining post-stroke recovery: implications for design and interpretation of drug trials," Neuropharmacology Vol. 39, pp. 835-841 (2000).
		FERRARI, A. et al., "Immature human NT2 cells grafted into mouse brain differentiate into neuronal and glial cell types," FEBS Letters, Dec. 8, 2000, Pages 121-125, Volume 486, No. 2, Elsevier Science B.V., Amsterdam.
	**	FEYS et al., "Value of somatosensory and motor evoked potentials in predicting arm recovery after a stroke," (October 1999).
	**	FRANZINI et al., "Reversal of thalamic hand syndrome by long-term motor cortex stimulation," Journal of Neurosurgery 93:873-875 (2000).
		FREGNI et al., "Antiepileptic Effects of Repetitive Transcranial Magnetic Stimulation in Patients with Cortical Malformations: An EEG and Clinical Study," ASSFN Proceedings 2004, Stereotactic and Functional Neurosurgery, 2005, 83:57-62.
V	**	FREGNI, Felipe et al., "Anodal Transcranial Direct Current Stimulation of Prefrontal Cortex Enhances Working Memory," Experimental Brain Research Vol. 166, No. 1, pp: 23-30 (September 2005).

Examiner Signature	S. G.	Date Considered	5/7/07
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PTO/SB/08a/b (07-06)

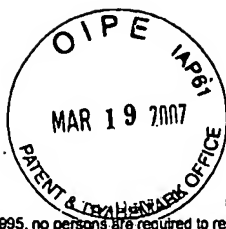
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Sheet	9	of	14	Attorney Docket Number	337348048US1

56	**	GLADSTONE et al., "Enhancing Recovery after Stroke with Noradrenergic Pharmacotherapy: A New Frontier?," Can J. Neurol. Sci., Vol. 27, No. 2 (May 2000).
1	**	GORDON et al., "Parameters for direct cortical electrical stimulation in the human: histopathologic confirmation," Electroencephalography and clinical Neurophysiology, Vol. 75, pp. 371-377 (1990).
	**	HAGEMANN, Georg et al., "Increased Long-Term Potentiation in the Surround of Experimentally Induced Focal Cortical Infarction," Annals of Neurology, Vol. 44, No. 2, pages 255-258 (August 1998).
		HAGLUND, Michael M. et al., "Optical imaging of epileptiform and functional activity in human cerebral cortex," Nature, August 20, 1992, pages 668-671, Vol. 358, Nature Publishing Group.
	**	HAYAKAWA, Toshiji et al., "Changes in Cerebral Oxygenation and Hemodynamics During Obstructive Sleep Apneas," Chest, Vol. 109, pages 916-921 (1996).
	**	HODGE, JR., C.J. and BOAKYE, M., "Biological Plasticity: The Future of Science in Neurosurgery," Neurosurgery, Vol. 48, No. 1 (January 2001).
	**	HOSHI, Yoko et al., "Detection of dynamic changes in cerebral oxygenation coupled to neuronal function during mental work in a man," Neuroscience Letters, Vol. 150, pp: 5-8 (1993).
	**	HOSHINO et al., "Application of multichannel near-infrared spectroscopic topography to physiological monitoring of the cortex during cortical mapping: technical case report," Surgical Neurology, Vol. 64, pp. 272-275 (2005).
	**	How Imagent™ Works. ISS Inc., http://www.iss.com-Products-imagent_fmri.html , 1 page [Retrieved on 10-14-2005].
	**	HUANG, Ying-Zu et al., "Theta Burst Stimulation of the Human Motor Cortex," Neuron, Vol. 45, pp. 201-206 (January 20, 2005).
	**	HUMMEL, Friedhelm et al., "Effects of non-invasive cortical stimulation on skilled motor function in chronic stroke," Brain Advance Access, pp 1-10, (January 5, 2005).
	**	Imagent™ Functional Brain Imaging System, ISS, Inc., http://www.iss.com-Products-imagent.html , 2 pages [Retrieved on 10-14-2005].
	**	Imagent™ functional Near Infrared Imaging System (fNIRS) Brain Imaging Using Infrared Photons, ISS Inc., http://www.iss.com-products-imagent-Imagent.pdf , 8 pages [Retrieved on 10-14-2005].
	**	ISHIBASHI, Tomoko et al., "Astrocytes Promote Myelination in Response to Electrical Impulses," Neuron 49, pp. 823-832, (March 16, 2006).
	**	JANICEK, Milos J. et al., "Dynamic Infrared Imaging of Newly Diagnosed Malignant Lymphoma Compared with Gallium-67 and Fluorine-18 Fluorodeoxyglucose (FDG) Positron Emission Tomography," Technology in Cancer Research and Treatment, Vol. 2, No. 6, pp: 571-577 (December 2003).
	**	KAUHANEN et al., "Domains and Determinants of Quality of Life After Stroke Caused by Brain Infarction," Arch. Phys. Med. Rehabil., Vol. 81, pp. 1541-1546 (December 2000).
		KELLY-SPRATT, K. "Transfection of PC-12 cells: a model system for primary neuronal cells," Qiagen News, Customer application article, www.qiagen.com , Issue 4, 1998, 2 pages.
	**	KEYVANI, Kathy et al., "Suppression of proteasome C2 contralateral to ischemic lesions in rat brain," Brain Research, Vol. 858, pp: 386-392, 2000.
	**	KILGARD, MICHAEL et al., "Cortical Map Reorganization Enabled by Nucleus Basalis Activity," Science, Vol. 279 pp 1714-1717 (March 13, 1998).
		KIMURA, K. et al., "Electrically induced neurite outgrowth of PC12 cells on the electrode surface," Entrez PubMed, http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=Abstract , 1 page.

Examiner Signature	S-G	Date Considered	5/7/07
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56		KINOSHITA et al., "Electric cortical stimulation suppresses epileptic and background activities in neocortical epilepsy and mesial temporal lobe epilepsy," Clinical Neurophysiology, Volume 116, 2005, pages 1291-1299, Elsevier Ireland Ltd.
	**	KOPELL et al., "The Continuing Evolution of Psychiatric Neurosurgery," CNS Spectrums, Vol. 5, No. 10, pp. 20-31 (October 2000).
		KOSSOFF et al., "Effect of an External Responsive Neurostimulator on Seizures and Electrographic Discharges during Subdural Electrode Monitoring," Epilepsia 45(12):1560-1567, 2004, Blackwell Publishing, Inc.
	**	LANG, Nicolas et al., "Preconditioning with Transcranial Direct Current Stimulation Sensitizes the Motor Cortex to Rapid-Rate Transcranial Magnetic Stimulation and Controls the Direction of After-Effects," Biol Psychiatry 2004;56:634-639, 2004 Society of Biological Psychiatry.
	**	LARSON, John et al., "Reversal of LTP by theta frequency stimulation," Brain Research, 600: pp. 97-102 (1993).
	**	LAZAR, M. et al., "White Matter Tractography Using Diffusion Tensor Deflection," Human Brain Mapping, 18:306-321, (2003).
	**	L-DOPA dyskinesias, BioChemistry of PD, http://www.mayo.edu-fdp-pd-info-dyskinesias.htm [Retrieved on 12-22-2005].
	**	LEVY et al., "Functional MRI Evidence of Cortical Reorganization in Upper-Limb Stroke Hemiplegia Treated with Constraint-Induced Movement Therapy," American Journal of Physical Medicine & Rehabilitation, Vol. 80, No. 1, pp. 4-7 (2001).
	**	LIEPERT et al., "Treatment-Induced Cortical Reorganization After Stroke in Humans," Stroke, 31:1210-1216 (2000).
		LUTSEP et al., "Safety of Cortical Stimulation in Patients with Hemiparetic Stroke," Oasis, Online Abstract Submission and Invitation System - Program Planner, International Stroke Conference 2005, 1 pages, American Stroke Association.
	**	MALENKA, R.C. and NICOLL, R.A., "Long-Term Potentiation - A Decade of Progress?," Neuroscience, Vol. 285, No. 5435, Issue of 17 September 1999, pp. 1870-1874.
	**	MANSUR, C.G. et al., "A sham stimulation-controlled trial of rTMS of the unaffected hemisphere in stroke patients," Neurology, Vol. 64, pp. 1802-1804 (2005).
	**	MARTIN et al., "Transcranial Magnetic Stimulation as a Complementary Treatment for Aphasia," Semin Speech Language, Vol. 25, pp. 181-191 (2004) Abstract Only- 1 page.
	**	MARTINEZ et al., "Motor hand recovery after stroke Prognostic yield of early transcranial magnetic stimulation," Electromyography. Clin. Neurophysiology, Vol. 39, pp. 405-410 (1999).
		MENDONCA, A.C., "Directly applied low intensity direct electric current enhances peripheral nerve regeneration in rats," Journal of Neuroscience Methods, 2003, Vol. 129, pages 183-190.
	**	MEYERSON, B.A. et al., "Motor Cortex Stimulation as Treatment of Trigeminal Neuropathic Pain," Acta Neurochirurgica Supplementum, Vol. 58, pp: 150-153 (1993).
		MISAWA et al., "Low-frequency transcranial magnetic stimulation for epilepsy partialis continua due to cortical dysplasia," Journal of the Neurological Sciences, Volume 234, 2005, Pages 37-39.
		MONTGOMERY, "Thalamic Stimulation," Neuroscience Pathways, The Cleveland Clinic Foundation, 2 pages.
		MOTAMEDI et al., "Optimizing Parameters for Terminating Cortical Afterdischarges with Pulse Stimulation," Epilepsia 43(8):836-846, 2002, Blackwell Publishing, Inc.
	**	NETZ et al., "Reorganization of motor output in the non-affected hemisphere after stroke," Brain, 120, pp. 1579-1586 (1997).
V	**	NITSCHKE, M.A. and PAULUS, W., "Excitability changes induced in the human motor cortex by weak transcranial direct current stimulation," The Journal of Physiology, Vol. 527.3, pp. 663-639 (2000).

Examiner Signature	S. G.	Date Considered	5/7/07
--------------------	-------	-----------------	--------



PTO/SB/08a/b (07-08)

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56	**	NITSCHKE, Michael A. et al. "Facilitation of Implicit Motor Learning by Weak Transcranial Direct Current Stimulation of the Primary Motor Cortex in the Human," Journal of Cognitive Neuroscience 15:4, pp 619-626, 2003 Massachusetts Institute of Technology.	
	**	NITSCHKE, Michael A. et al., "Level of action of cathodal DC opographyphyn induced inhibition of the human motor cortex," December 2, 2002, Clinical Neurophysiology 114 (2003) 600-604.	
	**	NUDO, Randolph J. et al., "Recovery after damage to motor cortical areas," Current Opinion in Neurobiology, Vol. 9, Issue 6, pp: 740-747, December 1, 1999.	
	**	OLIVERI et al., "Paired transcranial magnetic stimulation protocols reveal a pattern of inhibition and facilitation in the human parietal cortex," The Journal of Physiology, 529.2, pages 461-468 (2000).	
	**	PANCHANATHAN, Sethuraman et al., "Rehabilitation of patients with hemispatial neglect using visual-haptic feedback in Virtual reality environment," http://www.public.asu.edu-tmcdani-publications.htm , 5 pages [Retrieved on 12-22-2005].	
	**	PASCUAL-LEONE et al., "Study and Modulation of Human Cortical Excitability With Transcranial Magnetic Stimulation," Journal of Clinical Neurophysiology, 1998, Vol. 15, No. 4, pages 333-343.	
	**	PASCUAL-LEONE et al., "Transcranial magnetic stimulation and neuroplasticity," Neurophysiologia 37, pp. 207-217 (1999).	
	**	PAULUS, W., "Supplements to Clinical Neurophysiology," Transcranial Magnetic Stimulation and Transcranial Direct Current Stimulation (Supplements to Clinical Neurophysiology; Vol 56), pp 249-254, 2003 Elsevier Science, B.V.	
	**	PAULUS, Walter, "Toward Establishing a Therapeutic Window for rTMS by Theta Burst Stimulation," Neuron, Vol. 45, pp. 181-183 (January 20, 2005).	
	**	PENN, Michael, "Stemming Parkinson's," On Wisconsin Alumni Magazine, Summer 2003, http://www.uwalumni.com-onwisconsin-2003_summer-research.html , 1 page [Retrieved on 12-22-2005].	
	**	POLITIS, M. J., "Mammalian Optic Nerve Regeneration Following the Appllcation of Electric Fields," The Journal of Trauma, November 1988, Vol. 28, No. 11, pages 1548-1552.	
	**	PRICE, J. et al., "Neurotransplantation in neurodegenerative disease: a survey of relevant issues in developmental neurobiology," Novartis Foundation Symposium 231, 2000, Pages 148-165, Wiley, Chichester, UK.	
	**	REZAI, "Neurostimulation," Neurological Research, Vol. 22, No. 3 pp. 235-273 (April 2000).	
	**	ROBINSON, Kenneth R., "The Responses of Cells to Electrical Fields: A Review," The Journal of Cell Biology, Vol. 101, pages 2023-2027 (December 1985).	
	**	ROSSI et al., "Effects of Repetitive Transcranial Magnetic Stimulation on Movement-related Cortical Activity in Humans," Cerebral Cortex, Vol. 10, No. 8, pp. 802-808 (August 2000).	
	**	ROUX et al., "Chronic Motor Cortex Stimulation for Phantom Limb Pain: A Functional Magnetic Resonance Imaging Study: Technical Cast Report," Neurosurgery, Vol. 48, No. 3 (March 2001).	
	**	SAITOU et al., "Cerebral Blood Volume and Oxygenation Among Poststroke Hemiplegic Patients: Effects of 13 Rehabilitation Tasks Measured by Near-Infrared Spectroscopy," Arch. Phys. Med. Rehabil., Vol. 81 pp. 1348-1356 (October 2000).	
	**	SANDKUHLER, "Learning and memory in pain pathways," Pain 88, pp. 113-118 (2000).	
	**	SANES, "The Relation between Human Brain Activity and Hand Movements," NeuroImage 11, pp. 370-374 (2000).	
	**	SANES, J. and DONOGHUE, J.P., "Plasticity and Primary Motor Cortex," Annual Review of Neuroscience 23:393-415 (2000).	
V	**	SCHAEFER, Pamela W. et al., "Assessing Tissue Viability with MR Diffusion and Perfusion Imaging," AJNR, 24: pp.436-443 (March 2003).	

Examiner Signature	S. G.	Date Considered	5/7/07
--------------------	-------	-----------------	--------



PTO/SB/08a/b (07-06)

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SC	**	SCHIENE, Klaus et al., "Neuronal Hyperexcitability and Reduction of GABA-Receptor Expression in the Surround of Cerebral Photothrombosis," Journal of Cerebral Blood Flow and Metabolism, Vol. 16, No. 5, pp. 906-914 (1996).	
	**	SCHIFF et al., "A neuromodulation strategy for rational therapy of complex brain injury states," Neurological Research, Vol. 22 pp. 267-272 (April 2000).	
		SCHULZ et al., "Localization of Epileptic Auras Induced on Stimulation by Subdural Electrodes," Epilepsia, December 1997, Volume 38, Issue 12, pp. 1321-1329.	
	**	SCIRun, Scientific Computing and Imaging Institute. http://www.sofware.sci.utah.edu-scirun.html , 2 pages [Retrieved on 7-24-2005].	
	**	SHIMIZU et al., "Therapeutic efficacy of transcranial magnetic stimulation for hereditary spinocerebellar degeneration," Tohoku Journal of Experimental Medicine, 189(3):203-11 (November 1999).	
	**	SIEBNER et al., "Lasting cortical activation after repetitive TMS of the motor cortex," NEUROLOGY 54, pp. 956-963 (February 2000).	
		SIOUTOS et al. "Continuous Regional Cerebral Cortical Blood Flow Monitoring in Head-injured Patients, Neurosurgery, Vol. 36, No. 5, May 1995, pages 943-949.	
	**	STEFAN et al., "Introduction of plasticity in the human motor cortex by paired associative stimulation," Brain, Vol. 123, No. 3, pp. 572-584 (March 2000).	
		STORER et al., "Microiontophoretic application of serotonin (5HT)1B/1D agonists inhibits trigeminal cell firing in the cat," Brain, 1997, Volume 120, Issue 12, pp. 2171-2177, Oxford University Press.	
	**	STRANGMAN, Gary et al., "A Quantitative Comparison of Simultaneous BOLD fMRI and NIRS Recordings during Functional Brain Activation," NeuroImage, Vol. 17, pp: 719-731 (2002).	
	**	STRANGMAN, Gary et al., "Factors affecting the accuracy of near-infrared spectroscopy concentration calculations for focal changes in oxygenation parameters," NeuroImage, Vol. 18, pp: 865-879 (2003).	
	**	STRANGMAN, Gary et al., "Non-Invasive Neuroimaging Using Near-Infrared Light," Biological Psychiatry, Vol. 52, pp: 679-693 (2002).	
	**	STRENS, Lucy et al., "The Ipsilateral Human Motor Cortex Can Functionally Compensate for Acute Contralateral Motor Cortex Dysfunction," Current Biology, Vol. 13, pp 1201-1205 (July 15, 2003).	
		SUZUKI et al., "Selective Electrical Stimulation of Postganglionic Cerebrovascular Parasympathetic Nerve Fibers Originating from the Sphenopalatine Ganglion Enhances Cortical Blood Flow in the Rat," Journal of Cerebral Blood Flow and Metabolism, May 1990, 10(3):383-91.	
	**	TAGA, Gentaro et al., "Brain imaging in awake infants by near-infrared optical topography," PNAS, Vol. 100, No. 19, pp:10722-10727 (September 16, 2003).	
	**	TANG, Cha-Min et al., "Optical Coherence Tomography of the Human Basal Ganglion," Deep Brain Stimulation Consortium Meeting Program Book, September 29-30, 2003, Washington DC.	
	**	The GES 250 for Dense-Array EEG Research, Electrical Geodesics, Inc., http://www.egi.com/ges250r_n.html , 3 pages [Retrieved on 8-25-2005].	
	**	The INVOS Cerebral Oximeter, Somanetics, http://www.somanetics.net/invos.htm , 1 page [retrieved from the internet on 12-22-2005].	
		The National Institutes of Health (NIH) Consensus Development Program, "Surgery for Epilepsy," National Institutes of Health Consensus Development conference Statement, March 19-21, 1990, 16 pages.	
	**	THEORET, Hugo et al., "Exploring Paradoxical Functional Facilitation with TMS," Supplements to Clinical Neurophysiology, Vol. 56, pp: 211-219 (2003).	
V	**	THOMAS, Carmen et al., "Do Children with aggressive behavior have temporal lobe changes?" Alasbirn Journal, Year 5, No. 19, 8 pages (January 2003).	

Examiner Signature	S. G.	Date Considered	5/7/07
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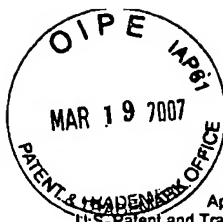
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Substitute for form 1449A/B/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/782,526-Conf. #3269
		Filing Date	February 19, 2004
		First Named Inventor	Bradford E. Gliner
		Art Unit	3762
		Examiner Name	S. M. Getzow
		Attorney Docket Number	337348048US1
Sheet	13	of	14

56	**	TIMMERMANN, Lars et al., "The cerebral oscillatory network of parkinsonian resting tremor," Brain, Vol. 126, pp: 199-212, (2003).
	**	TORONOV, Vlad et al., "Near-infrared study of fluctuations in cerebral hemodynamics during rest and motor stimulation: Temporal analysis and spatial mapping," Medical Physics, Vol. 27, No. 4, pp: 801-815 (April 2000).
	**	Tractography, Absolute Astronomy Reference, http://www.absoluteastronomy.com-encyclopedia-T-Tr-Tractography.htm , 2 pages [Retrieved on 7-24-2005].
	**	TSUBOKAWA, T. et al., "Chronic Motor Cortex Stimulation for the Treatment of Central Pain," Acta Neurochirurgica, Supplementum. Vol. 52, pp: 137-139 (1991).
	**	TSUBOKAWA, T. et al., "Chronic Motor Cortex Stimulation in Patients with Thalamic Pain," J. Neurosurg 78:393-401, (March 1993).
	**	TSUBOKAWA, T. et al., "Treatment of Thalamic Pain by Chronic Motor Cortex Stimulation", PACE, Vol. 14, pp: 131-134 (January 1991).
	**	TUCH, D. et al., "Conductivity Tensor Mapping of the Human Brain Using Diffusion Tensor MRI," Neurobiology, Vol. 98 No. 20, pp. 11697-11701 (September 25, 2001).
	**	TURTON et al., "Contralateral and ipsilateral EMG responses to transcranial magnetic stimulation during recovery of arm and hand function after stroke," Electroencephalography and Clinical Neurophysiology 101 pp. 316-328 (1996).
	**	TURTON, A. and LEMON, R.N., "The contribution of fast corticospinal input to the voluntary activation of proximal muscles in normal subjects and in stroke patients," Exp. Brain Res., Vol. 129, pp. 559-572 (1999).
		VANDERKOOY et al., "Resolution Below the Least Significant Bit in Digital Systems with Dither," JAES, March 1984, Volume 32, Number 3, pp. 106-113.
	**	VAN DER LEE et al., "The Intra- and Interrater Reliability of the Action Research Arm Test: A Practical Test of Upper Extremity Function in Patients With Stroke," Arch. Phys. Med. Rehabil., Vol. 82 pp. 14-19 (January 2001).
		VELASCO et al. "Absolute and Relative Predictor Values of Some Non-Invasive and Invasive Studies for the Outcome of Anterior Temporal Lobectomy," Science Direct, Volume 31, Issue 1, January-February 2000, pages 62-74, Elsevier Science, Inc.
		VELASCO et al., "Acute and Chronic Electrical Stimulation of the Centromedian Thalamic Nucleus: Modulation of Reticulo-Cortical Systems and Predictor Factors for Generalized Seizure Control," Archives of Medical Research, Volume 31, 2000, Pages 304-315, Elsevier Science, Inc.
		VELASCO et al., "Electrical Stimulation for Epilepsy: Stimulation of Hippocampal Foci," Stereotactic and Functional Neurosurgery, Vol. 77, 2001, Pages 223-227.
		VELASCO et al., "Subacute and Chronic Electrical Stimulation of the Hippocampus on Intractable Temporal Lobe Seizures: Preliminary Report," Archives of Medical Research, Volume 31, 2000, Pages 316-328, Elsevier Science, Inc.
		VELASCO et al., "Subacute Electrical Stimulation of the Hippocampus Blocks Intractable Temporal Lobe Seizures and Paroxysmal EEG Activities," Epilepsia, Volume 41, No. 2, 2000, Pages 158-169, Lippincott Williams & Wilkins, Philadelphia.
	**	WALKER-BATSON et al., "Amphetamine Paired With Physical Therapy Accelerates Motor Recovery After Stroke," Stroke, Vol. 26, No. 12, pp. 2254-2259 (1995).
		WAXMAN et al., "The Interictal Behavior Syndrome of Temporal Lobe Epilepsy," Arch Gen Psychiatry, Volume 32, Dec. 1975, Pages 1580-1586.
		WEINAND et al., "Cerebral blood flow and temporal lobe epileptogenicity," J Neurosurg, Vol. 86, February 1997, pages 226-232.
V		WEINAND et al., "Cerebral blood flow and temporal lobe epileptogenicity," Neurosurgical Focus, November 1996, Volume 1, Number 5, AANS.ORG, http://www.aans.org/education/journal/neurosurgical/nov96/1-5-3.asp , 17 pages.

Examiner Signature	S.G.	Date Considered	5/7/07
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Sheet	14	of	14	Attorney Docket Number	337348048US1

SE		WEINAND et al., "Long-term ictal monitoring with subdural strip electrodes: prognostic factors for selecting temporal lobectomy candidates, J Neurosurg, Volume 77, 1992, Pages 20-28.	
		WEINAND et al., "Surface cortical cerebral blood flow monitoring and single photon emission computed tomography: prognostic factors for selecting temporal lobectomy candidates," Seizure, Vol. 3, 1994, Pages 55-59.	
		WEINAND et al., "Targeted Subthreshold Cortical Stimulation for Recovery of Motor Hand Function following Hemiparetic Stroke," Abstract: 2005 April 18, AANS.org, http://www.aans.org/Library/Article.aspx?ArticleId=24934 , 2 pages.	
		WEINAND, Martin E. et al., "Cerebral blood flow and temporal lobe epileptogenicity," Retrieved from the Internet on December 22, 2005, http://www.aans.org/education/journal/neurosurgical/nov96/1-5-3.asp , 13 pages.	
		WOODBURY, D. et al., "Adult Rat and Human Bone Marrow Stromal Cells Differentiate Into Neurons," Journal of Neuroscience Research, 2000, Volume 61, Pages 364-370, Wiley Interscience, New York, NY.	
		YAMAMOTO et al., "Low-frequency Electric Cortical Stimulation Has an Inhibitory Effect on Epileptic Focus in Mesial Temporal Lobe Epilepsy," Epilepsia, Volume 43, No. 5, 2002, Pages 291-295, Blackwell Publishing, Inc.	
	**	YOKOH, Arika et al., "Intermittent versus continuous brain retraction," Journal of Neurosurgery, Vol. 58, pp: 918-923 (June 1983).	
	**	ZIEMANN et al., "Modulation of Plasticity in Human Motor Cortex after Forearm Ischemic Nerve Block," The Journal of Neuroscience 18(3):1115-1123 (February 1998).	

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¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	S-G.	Date Considered	5/7/07
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